



# Focus

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## Training Programs

Washington state recommends specific training for tanker, tank barge, dry cargo, passenger, and fishing vessel crews.

### Background Information

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#### ■ Tank Vessels

The Washington **Voluntary Best Achievable Protection Standards** are satisfied by complying with the applicable provisions of the 1995 amendments to the Standards of Training, Certification and Watchkeeping (STCW) Convention and the International Safety Management (ISM) Code. Certain officers also receive **Shipboard Management and Bridge Resource Management** instruction.

The training standards for **tank vessels** were developed with assistance from marine industry representatives in 1994 and 1995.

#### ■ Dry Cargo, Passenger & Fishing Vessels

Washington's recommended training programs for **dry cargo, passenger and fishing vessels** were developed with assistance from the Cargo and Passenger Vessel and Fishing Vessel

Inspection Advisory Councils, and are based on recognized industry standards and international conventions.

#### ■ Comprehensive Training

Washington state considers comprehensive training programs for all personnel to be the basis for safe vessel operations. A comprehensive training program includes:

- Vessel orientation and basic safety training,
- Position-specific requirements, and
- Refresher training.

The table on the reverse side of this handout is provided to help shipping companies and vessel managers design training programs and to clarify the requirements and recommendations for different types of vessels.

Position-specific training should include technical training on the operation of equipment that individuals are expected to use when conducting routine and emergency procedures.

*If you have special accommodation needs, contact Mariann Cook Andrews at (360) 407-7211 (voice) or (360) 407-6006 (TDD).*

TRAINING STANDARD	<b>RECOMMENDED</b> <i>(Voluntary BAP Program for Tankers)</i>		<b>RECOMMENDED</b> <i>(Washington Administrative Code 317-31)</i>	
	Tanker	Tank Barge	Dry Cargo & Passenger	Fishing Vessel
<b>Vessel Orientation</b>	For crew members who have not served on a vessel of the same type within the past year, including maintenance personnel sailing on tankers. Training includes: ■ Familiarization with station assignments. ■ Identification of all escape routes.		For crew members who have not served on a vessel of the same type within the past year. Should include: ■ Vessel familiarization.	Should meet federal standards [46 CFR 28.270(e) and (f)], and: ■ Allow reasonable time for transfer of duties plus vessel familiarization and safety indoctrination.
	<b>And: (Tanker)</b> ■ Basic safety and pollution prevention precautions. ■ Walking tour of the deck house and other spaces designated by master. ■ Shipboard fire fighting. ■ Tanker layout. ■ Tanker terminology. ■ Cargo types and hazards.	<b>And: (Tank Barges)</b> ■ Emergency procedures for assigned duty. ■ Walking tour of the tow vessel.	■ Identification of all escape routes from work and sleeping spaces. ■ Duties and responsibilities during all normal and emergency situations. ■ Basic safety and pollution prevention precautions.	
<b>Position Specific Requirements</b>  <i>Should include functional training for assigned duties and training on specific types of equipment.</i>	Crew members should complete the training requirements for their current position and for the next higher position before promotion. Training includes: ■ Cargo handling. ■ Shipboard fire fighting.		Should include: ■ Bridge resource management training for deck watch personnel.	Should include: ■ Company sponsored formal, professional training program. ■ On-the-job training for navigation and engine room watchstanders.
	<b>And: (Tankers)</b> ■ Crude oil washing and inert gas systems training for all officers, where applicable. ■ Vapor collection system training for all officers on ships with installed vapor recovery systems. ■ Shipboard management for senior officers. ■ Bridge resource management for deck watch personnel. ■ Automated radar plotting aids (ARPA) training for deck officers.	<b>And: (Tank Barges)</b> ■ Oil spill prevention and response training.	■ Shipboard management training for senior officers. ■ Automated radar plotting aids (ARPA) training for deck officers.	
<b>Refresher Training</b>	■ Every 5 years in position specific skills.	■ Every 5 years in position-specific skills.	■ Recommended at least every 5 years.	■ Recommended at least every 5 years.

**NOTE:** This publication is provided to help explain Washington reporting standards for dry cargo, passenger, and fishing vessels 300 gross tons and larger, and all tank vessels and tank barges. It is a guide, not a legal document. For more-specific information, please refer to [Ch. 317-31 Washington Administrative Code](#) and [Washington State's Voluntary BAP Program for Tankers](#) (WDOE Pub. #00-08-020), available from Ecology. These are also available on the department's Web site at <http://www.ecy.wa.gov/programs/spills/spills.html>